Muriel Walshe

List of Publications by Year
in descending order

105 papers	8,811 citations	66343 42 h-index	43889 91 g-index
115 all docs	115 docs citations	115 times ranked	12225 citing authors

#	Article	IF	Citations
1	Large recurrent microdeletions associated with schizophrenia. Nature, 2008, 455, 232-236.	27.8	1,619
2	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. Nature Genetics, 2013, 45, 1150-1159.	21.4	1,395
3	Atlasing location, asymmetry and inter-subject variability of white matter tracts in the human brain with MR diffusion tractography. NeuroImage, 2011, 54, 49-59.	4.2	576
4	Grey and white matter distribution in very preterm adolescents mediates neurodevelopmental outcome. Brain, 2008, 131, 205-217.	7.6	353
5	Regional Brain Morphometry in Patients With Schizophrenia or Bipolar Disorder and Their Unaffected Relatives. American Journal of Psychiatry, 2006, 163, 478-487.	7.2	248
6	Regional volume deviations of brain structure in schizophrenia and psychotic bipolar disorder. British Journal of Psychiatry, 2005, 186, 369-377.	2.8	206
7	Preterm birth and structural brain alterations in early adulthood. NeuroImage: Clinical, 2014, 6, 180-191.	2.7	168
8	Pattern of neural responses to verbal fluency shows diagnostic specificity for schizophrenia and bipolar disorder. BMC Psychiatry, 2011, 11, 18.	2.6	163
9	Association between BDNF val⁶⁶ met genotype and episodic memory. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 134B, 73-75.	1.7	159
10	White matter microstructural impairments and genetic liability to familial bipolar I disorder. British Journal of Psychiatry, 2009, 194, 527-534.	2.8	157
11	Expanding the range of ZNF804A variants conferring risk of psychosis. Molecular Psychiatry, 2011, 16, 59-66.	7.9	140
12	Cerebellar growth and behavioural & neuropsychological outcome in preterm adolescents. Brain, 2008, 131, 1344-1351.	7.6	128
13	White Matter and Cognition in Adults Who Were Born Preterm. PLoS ONE, 2011, 6, e24525.	2.5	125
14	Reduced mismatch negativity predates the onset of psychosis. Schizophrenia Research, 2012, 134, 42-48.	2.0	119
15	Personality in Young Adults Who Are Born Preterm. Pediatrics, 2006, 117, 309-316.	2.1	117
16	Exaggerated neural response to emotional faces in patients with bipolar disorder and their first-degree relatives. NeuroImage, 2010, 53, 58-64.	4.2	115
17	Brain volumes in familial and non-familial schizophrenic probands and their unaffected relatives. American Journal of Medical Genetics Part A, 2002, 114, 616-625.	2.4	104
18	Distribution of symptom dimensions across Kraepelinian divisions. British Journal of Psychiatry, 2006, 189, 346-353.	2.8	93

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19	P50 Auditory Evoked Potential Suppression in Bipolar Disorder Patients With Psychotic Features and Their Unaffected Relatives. Biological Psychiatry, 2007, 62, 121-128.	1.3	93
20	Genetic Liability for Bipolar Disorder Is Characterized by Excess Frontal Activation in Response to a Working Memory Task. Biological Psychiatry, 2008, 64, 513-520.	1.3	91
21	Neural substrates of visual paired associates in young adults with a history of very preterm birth: Alterations in fronto-parieto-occipital networks and caudate nucleus. NeuroImage, 2009, 47, 1884-1893.	4.2	81
22	Epistasis between the DAT 3' UTR VNTR and the COMT Val158Met SNP on cortical function in healthy subjects and patients with schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13600-13605.	7.1	78
23	Diffusion tensor MRI of the corpus callosum and cognitive function in adults born preterm. NeuroReport, 2009, 20, 424-428.	1.2	76
24	Auditory P300 in patients with bipolar disorder and their unaffected relatives. Bipolar Disorders, 2008, 10, 377-386.	1.9	74
25	Hippocampal volume in familial and nonfamilial schizophrenic probands and their unaffected relatives. Biological Psychiatry, 2003, 53, 562-570.	1.3	72
26	Preterm Birth and Adolescent Social Functioningâ€“Alterations in Emotion-Processing Brain Areas. Journal of Pediatrics, 2013, 163, 1596-1604.	1.8	72
27	Alterations in cortical thickness development in preterm-born individuals: Implications for high-order cognitive functions. NeuroImage, 2015, 115, 64-75.	4.2	72
28	The effect of COMT, BDNF, 5-HTT, NRG1 and DTNBP1 genes on hippocampal and lateral ventricular volume in psychosis. Psychological Medicine, 2009, 39, 1783-1797.	4.5	68
29	Pituitary volume in unaffected relatives of patients with schizophrenia and bipolar disorder. Psychoneuroendocrinology, 2008, 33, 1004-1012.	2.7	65
30	Impaired prefrontal synaptic gain in people with psychosis and their relatives during the mismatch negativity. Human Brain Mapping, 2016, 37, 351-365.	3.6	64
31	The impact of CACNA1C allelic variation on effective connectivity during emotional processing in bipolar disorder. Molecular Psychiatry, 2013, 18, 526-527.	7.9	57
32	Resting EEG in psychosis and at-risk populations â€" A possible endophenotype?. Schizophrenia Research, 2014, 153, 96-102.	2.0	57
33	A polygenic risk score analysis of psychosis endophenotypes across brain functional, structural, and cognitive domains. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 21-34.	1.7	57
34	Neural substrates of letter fluency processing in young adults who were born very preterm: Alterations in frontal and striatal regions. NeuroImage, 2009, 47, 1904-1913.	4.2	56
35	Growth of the Corpus Callosum in Adolescents Born Preterm. JAMA Pediatrics, 2007, 161, 1183.	3.0	55
36	Intellectual asymmetry and genetic liability in first-degree relatives of probands with schizophrenia. British Journal of Psychiatry, 2006, 188, 186-187.	2.8	54

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37	The association of white matter volume in psychotic disorders with genotypic variation in NRG1, MOG and CNP: a voxel-based analysis in affected individuals and their unaffected relatives. Translational Psychiatry, 2012, 2, e167-e167.	4.8	53
38	The neural basis of response inhibition and attention allocation as mediated by gestational age. Human Brain Mapping, 2009, 30, 1038-1050.	3.6	51
39	A large replication study and meta-analysis in European samples provides further support for association of AHI1 markers with schizophrenia. Human Molecular Genetics, 2010, 19, 1379-1386.	2.9	51
40	A functional MRI study of verbal fluency in adults with bipolar disorder and their unaffected relatives. Psychological Medicine, 2010, 40, 2025-2035.	4.5	51
41	Dermatoglyphics and Schizophrenia: A meta-analysis and investigation of the impact of obstetric complications upon aâ€“b ridge count. Schizophrenia Research, 2005, 75, 399-404.	2.0	49
42	Episodic Memory Performance Predicted by the 2bp Deletion in Exon 6 of the â€œAlpha 7-Likeâ€•Nicotinic Receptor Subunit Gene. American Journal of Psychiatry, 2006, 163, 1832-1834.	7.2	46
43	A Genome-wide Association Analysis of a Broad Psychosis Phenotype Identifies Three Loci for Further Investigation. Biological Psychiatry, 2014, 75, 386-397.	1.3	44
44	Executive functioning in familial bipolar I disorder patients and their unaffected relatives. Bipolar Disorders, 2011, 13, 208-216.	1.9	43
45	Structural covariance in the cortex of very preterm adolescents: A voxelâ€based morphometry study. Human Brain Mapping, 2011, 32, 1615-1625.	3.6	43
46	White matter microstructural abnormalities in families multiply affected with bipolar I disorder: a diffusion tensor tractography study. Psychological Medicine, 2014, 44, 2139-2150.	4.5	42
47	Psychiatric disorder in young adults born very preterm: Role of family history. European Psychiatry, 2008, 23, 527-531.	0.2	41
48	Neuregulin-1 and the P300 waveformâ€”A preliminary association study using a psychosis endophenotype. Schizophrenia Research, 2008, 103, 178-185.	2.0	40
49	Cognitive performance in presumed obligate carriers for psychosis. British Journal of Psychiatry, 2005, 187, 284-285.	2.8	38
50	The Very Preterm Brain in Young Adulthood: The Neural Correlates of Verbal Paired Associate Learning. Journal of Pediatrics, 2010, 156, 889-895.	1.8	38
51	Road work on memory laneâ€”Functional and structural alterations to the learning and memory circuit in adults born very preterm. NeuroImage, 2014, 102, 152-161.	4.2	38
52	Altered Effect of Dopamine Transporter 3â€²UTR VNTR Genotype on Prefrontal and Striatal Function in Schizophrenia. Archives of General Psychiatry, 2009, 66, 1162.	12.3	37
53	Neonatal Ultrasound Results Following Very Preterm Birth Predict Adolescent Behavioral and Cognitive Outcome. Developmental Neuropsychology, 2011, 36, 118-135.	1.4	37
54	Use of schizophrenia and bipolar disorder polygenic risk scores to identify psychotic disorders. British Journal of Psychiatry, 2018, 213, 535-541.	2.8	37

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55	Increased inferior frontal activation during word generation: A marker of genetic risk for schizophrenia but not bipolar disorder?. Human Brain Mapping, 2009, 30, 3287-3298.	3.6	35
56	Do COMT, BDNF and NRG1 polymorphisms influence P50 sensory gating in psychosis?. Psychological Medicine, 2011, 41, 263-276.	4.5	34
57	Prefrontal deviations in function but not volume are putative endophenotypes for schizophrenia. Brain, 2012, 135, 2231-2244.	7.6	34
58	White matter alterations to cingulum and fornix following very preterm birth and their relationship with cognitive functions. NeuroImage, 2017, 150, 373-382.	4.2	34
59	Evidence of association of KIBRA genotype with episodic memory in families of psychotic patients and controls. Journal of Psychiatric Research, 2010, 44, 795-798.	3.1	31
60	Functional Neuroanatomy of Executive Function after Neonatal Brain Injury in Adults Who Were Born Very Preterm. PLoS ONE, 2014, 9, e113975.	2.5	31
61	Memory functioning in familial bipolar I disorder patients and their relatives. Bipolar Disorders, 2009, 11, 209-214.	1.9	30
62	Stroop-test interference in bipolar disorder. British Journal of Psychiatry, 2009, 194, 285-286.	2.8	29
63	Failure to deactivate medial prefrontal cortex in people at high risk for psychosis. European Psychiatry, 2015, 30, 633-640.	0.2	26
64	Long-term maternal recall of obstetric complications in schizophrenia research. Psychiatry Research, 2011, 187, 335-340.	3.3	25
65	Neonatal Brain Injury and Neuroanatomy of Memory Processing following Very Preterm Birth in Adulthood: An fMRI Study. PLoS ONE, 2012, 7, e34858.	2.5	25
66	Differential effects of DAAO on regional activation and functional connectivity in schizophrenia, bipolar disorder and controls. NeuroImage, 2011, 56, 2283-2291.	4.2	24
67	Analysis of multiple phenotypes in genome-wide genetic mapping studies. BMC Bioinformatics, 2013, 14, 151.	2.6	24
68	Selective attention deficits reflect increased genetic vulnerability to schizophrenia. Schizophrenia Research, 2008, 101, 169-175.	2.0	21
69	No association of Disrupted-in-Schizophrenia-1 variation with prefrontal function in patients with schizophrenia and bipolar disorder. Genes, Brain and Behavior, 2011, 10, 276-285.	2.2	21
70	Association between the 2-bp deletion polymorphism in the duplicated version of the alpha7 nicotinic receptor gene and P50 sensory gating. European Journal of Human Genetics, 2013, 21, 76-81.	2.8	21
71	Abnormal frontoparietal synaptic gain mediating the <scp>P</scp>300 in patients with psychotic disorder and their unaffected relatives. Human Brain Mapping, 2017, 38, 3262-3276.	3.6	21
72	Normal cerebral asymmetry in familial and non-familial schizophrenic probands and their unaffected relatives. Schizophrenia Research, 2004, 67, 33-40.	2.0	20

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73	Effect of <scp>D</scp>â€amino acid oxidase activator (DAOA; G72) on brain function during verbal fluency. Human Brain Mapping, 2012, 33, 143-153.	3.6	20
74	Effect of DISC1 on the P300 Waveform in Psychosis. Schizophrenia Bulletin, 2013, 39, 161-167.	4.3	19
75	Eating Disorder Psychopathology, Brain Structure, Neuropsychological Correlates and Risk Mechanisms in Very Preterm Young Adults. European Eating Disorders Review, 2015, 23, 147-155.	4.1	19
76	Lack of Support for the Genes by Early Environment Interaction Hypothesis in the Pathogenesis of Schizophrenia. Schizophrenia Bulletin, 2022, 48, 20-26.	4.3	19
77	Eye tracking in schizophrenia: Does the antisaccade task measure anything that the smooth pursuit task does not?. Psychiatry Research, 2005, 136, 181-188.	3.3	18
78	Risk variant of oligodendrocyte lineage transcription factor 2 is associated with reduced white matter integrity. Human Brain Mapping, 2013, 34, 2025-2031.	3.6	18
79	Genetic copy number variants, cognition and psychosis: a meta-analysis and a family study. Molecular Psychiatry, 2021, 26, 5307-5319.	7.9	18
80	Familial liability to schizophrenia and premorbid adjustment. British Journal of Psychiatry, 2007, 191, 260-261.	2.8	16
81	Genetic modelling of childhood social development and personality in twins and siblings with schizophrenia. Psychological Medicine, 2010, 40, 1305-1316.	4.5	16
82	Subregional Hippocampal Morphology and Psychiatric Outcome in Adolescents Who Were Born Very Preterm and at Term. PLoS ONE, 2015, 10, e0130094.	2.5	14
83	Associations between psychosis endophenotypes across brain functional, structural, and cognitive domains. Psychological Medicine, 2018, 48, 1325-1340.	4.5	14
84	Neuropsychological correlates of eye movement abnormalities in schizophrenic patients and their unaffected relatives. Psychiatry Research, 2009, 168, 193-197.	3.3	13
85	Association between hippocampal volume and P300 event related potential in psychosis: Support for the Kraepelinian divide. NeuroImage, 2012, 59, 997-1003.	4.2	13
86	The relationship between eye movement and brain structural abnormalities in patients with schizophrenia and their unaffected relatives. Journal of Psychiatric Research, 2006, 40, 589-598.	3.1	12
87	Genetic Vulnerability to Psychosis and Cortical Function: Epistatic Effects between DAAO and G72. Current Pharmaceutical Design, 2012, 18, 510-517.	1.9	12
88	New insights into the endophenotypic status of cognition in bipolar disorder: Genetic modelling study of twins and siblings. British Journal of Psychiatry, 2016, 208, 539-547.	2.8	12
89	Sensory gating deficits in the attenuated psychosis syndrome. Schizophrenia Research, 2015, 161, 277-282.	2.0	11
90	Interaction between effects of genes coding for dopamine and glutamate transmission on striatal and parahippocampal function. Human Brain Mapping, 2013, 34, 2244-2258.	3.6	10

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91	COMT gene polymorphism and corpus callosum morphometry in preterm born adults. NeuroImage, 2011, 54, 148-153.	4.2	9
92	Very preterm adolescents show gender-dependent alteration of the structural brain correlates of spelling abilities. Neuropsychologia, 2011, 49, 2685-2693.	1.6	9
93	Sustained attention in bipolar I disorder patients with familial psychosis and their first-degree relatives. Psychiatry Research, 2012, 199, 70-73.	3.3	7
94	The Association between COMT, BDNF, and NRG1 and Premorbid Social Functioning in Patients with Psychosis, Their Relatives, and Controls. Scientifica, 2012, 2012, 1-6.	1.7	6
95	The corpus callosum and empathy in adults with a history of preterm birth. Journal of the International Neuropsychological Society, 2010, 16, 716-720.	1.8	5
96	Ectodermal markers of early developmental impairment in very preterm individuals. Psychiatry Research, 2012, 200, 715-718.	3.3	3
97	Exaggerated neural response to emotional faces in patients with bipolar disorder and their first degree relatives. International Clinical Psychopharmacology, 2011, 26, e70-e71.	1.7	1
98	Biomarkers of psychosis and their genetic basis. International Clinical Psychopharmacology, 2011, 26, e54.	1.7	1
99	Magnetic resonance imaging findings from adolescence to adulthood. , 2010, , 68-75.		0
100	DOES THE DYSBINDIN GENE INFLUENCE HIPPOCAMPAL VOLUME IN PSYCHOSIS?. Schizophrenia Research, 2010, 117, 219-220.	2.0	0
101	Do COMT, BDNF and NRG-1 polymorphisms influence P50 sensory gating in psychosis?. International Clinical Psychopharmacology, 2011, 26, e112-e113.	1.7	0
102	Prefrontal cortex ROIâ€™s as endophenotypes, testing genetic overlap their with schizophrenia and neurocognitve endopheno-types. International Clinical Psychopharmacology, 2011, 26, e156-e157.	1.7	0
103	Is there any association between polymorphisms of the dysbindin gene and lateral ventricular enlargement in psychosis?. International Clinical Psychopharmacology, 2011, 26, e128-e129.	1.7	0
104	Poster #29 EXPLORING GENETIC AND ENVIRONMENTAL INFLUENCES ON BRAIN FUNCTION IN SCHIZOPHRENIA. Schizophrenia Research, 2012, 136, S102.	2.0	0
105	SU72. Abnormal Frontal Synaptic Gain Mediating the P300 in Patients With Psychosis and Their Unaffected Relatives. Schizophrenia Bulletin, 2017, 43, S187-S187.	4.3	0